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**Sent:** Tuesday, February 9, 2021 10:26 AM  
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**Subject:** [Non-DoD Source] Contract #N62473-17-D-0006 CTO 5065 Former Hunters Point Naval Shipyard, Parcel G - Weekly Project QC Meeting 02-09-21 at 1130 Agenda and Two Week Look Ahead  
**Attachments:** D0006 CTO 5065 Parcel G Weekly Project QC Meeting No. 024 Agenda 2021-02-09.pdf; D0006 CTO-5065 Two Week Look Ahead Parcel G 020921.pdf

The Agenda and Two Week Look Ahead are on the attached files.

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**Project QC Meeting #024 Agenda (2/9/2021)**  
Parcel G Removal Site Evaluation - Hunters Point Naval Shipyard, San Francisco, CA  
Contract N62473-17-D-0006 CTO N6247318F5065

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Start: 1130

End:

**Safety Topic:** Good Housekeeping – Clean/Organized Work Site. Prework Inspections of work site, focusing on potential slip/trip/fall hazards. Proper placement/location awareness of in-use and stored equipment/materials/tools. Be aware of equipment/materials/tools locations. Watch for loose debris materials, cleanup when noticed. Do not immediately chase loose debris/personal items such as hats, papers – look before retrieving. Wear proper PPE. Keep an eye on your buddy, be there for each other.

**Invitees:** Elizabeth Roddy – US Navy, Paul Stoick – US Navy, Doug DeLong – US Navy Representative, Matthew Liscio – US Navy, Hamid Naimi – US Navy, Minh Chi – Battelle, Lisa Bercik – APTIM, Randall Killpack - APTIM, Amy Mangel – APTIM, Mike Ayala – APTIM, Owen Chao - APTIM, Rose Condit – APTIM, Kevin Hoch – APTIM, Jim Click - APTIM, Norm Hanelt – APTIM, Paul DeOcampo – APTIM, Kevin O’Leary – APTIM.

Old Business

- Agency Site Visits. **Ongoing.**
  - Current status.
    - Site Visitors to check in with H. Naimi and/or to APTIM Parcel G trailer for COVID-19 checks and review JSA/Tailgate Safety Meeting documents. **Updates.**
      - *For RCA entry, untrained site visitors entering the RCA must be escorted by an APTIM RCT.*
    - Rad Worker Training
      - *Training completed by frequent agency visitors per R. Killpack. R. Killpack maintaining training list of trained personnel. **Updates.***
  - Tetra Tech/3<sup>rd</sup> Party Oversight Site Visit and Split Sample Collection Request.
    - *US Navy evaluation continues with no effect to project schedule. Per P. Stoick, may not include collection of split samples as current procedure of sample retention for re-analysis may be satisfy requirements. **Updates.***
  - Import Soil
    - *The need for import soil is unknown at this time, pending soil sample analytical results. **Updates.***
  - Building 363 Silo Debris
    - *L. Bercik reports that it was determined that the silos were hazards to APTIM Parcel G operations. APTIM knocked down the silos and placed debris out of the way on the south side of Building 363 with D. DeLong approval and L. Bercik email correspondence with US Navy.*
      - *Silo debris believed not be radiologically impacted per Project Team.*
      - *Silo debris believed not be a hazard or in the way of current Innovex or APTIM operations in its present location.*
      - *N. Hanelt estimates silo debris volume is approximately 25-30 cubic yards of material.*
      - *US Navy would like to figure out future debris clearing/disposal options. **Updates.***

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- Nearby Kemron Soil Import/Transport Activities
  - *Potential impact of Kemron's soil import/transport activities on Parcel G's air monitoring. Observe significant stormwater/mud runoff from Spear Street to Parcel G during rain events.*
    - *APTIM/US Navy to monitor for potential impacts. **Update: Kemron soil import operations continued during the Weeks of 1/25 and 2/1/21 with periodic rain event stoppages.***
- H Street Traffic Plan and Repair/Detour.
  - *US Navy in process of funding award H Street Repair/Detour to Basewide O&M contractor. Approximately one or two months away from start of construction activities per L. Roddy.*
    - *US Navy to update so APTIM can plan TU-103, TU-104 and TU-109 excavations accordingly. **Updates.***
- Building 351A Crawl Space Preliminary Inspection
  - *Inside the Building 351A Crawl Space, insulation material appears to have crumbled off a degraded steam line to the soil below/in its near vicinity per N. Hanelt.*
    - *Samples collected of soil/material in the near vicinity of degraded steam line pipe test positive for asbestos.*
  - *Assessment of potential asbestos hazard in progress.*
    - *Potential asbestos contractors job walk conducted on 1/25/21.*
      - ***Update. Contractor procurement in progress, Navy Contracting Officer will be formally notified once impact is defined.***
- Trench Unit Excavation
  - *Trench Wall Sloughing*
    - *Observing sloughing, saturated soils, debris from all active Trench Unit excavations.*
      - *Concerns of trench sloughing in excavations near to buildings, possibly impacting nearby building stabilities.*
        - *Project Team recommends backfilling completed trenches as soon as possible. Pending sample analytical results.*
        - *Work schedule to depend on rain event amounts, paying attention to excavations near buildings.*
        - *No longer require agencies approval for re-sequencing excavation of trench units, per P. Stoick.*
        - *Performing daily inspections on each open trench, looking for changes of conditions. Not concerned in short term. Possible concern long term with changing weather, etc.*
          - ***Continuing daily inspections and updates (see Daily QC Reports).***

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- *Observed an overall above average rate of trench sloughing and significant increase of storm water in trench excavations during the week of 1/25/21.*
- *Observed an overall below average rate of trench sloughing and significant decrease of storm water in trench excavations during the week of 2/1/21.*
- *Water levels in TU-77 and TU-124 excavations return to approximately half-full as of 2/9/21.*

New Business

- Innovex 2/4/21 Visit
  - *K. Dolan (Innovex) visited the RCA to inspect the Parcel G swales. Inquires about future access for maintenance operations. Updates.*
- EPA APTIM Work Schedule (See attached current week's look ahead)
  - *0700 – 1530 Monday through Fridays.*
    - *Field work suspended on 1/26/21, through 2/3/21, due to wet weather. Site Maintenance performed 2/4 and 2/5/21. No intrusive work.*
      - *APTIM continued SWPP, Excavation Inspections etc. during the suspended work period.*
    - *Intrusive excavation work resumes on 2/8/21 at TU-115, inside Building 351.*
    - *Intrusive excavation work weather dependent going forward.*
- Scheduled Weekly QC Meeting 2/2/21.
  - *No Weekly QC Meeting on 2/2/21 per Project Team decision.*

Action Items

- Completed.
  - None.
- In Progress.
  - None.

**Current Status of Work (See attached current week's look ahead)**

- Mobilization and Site Setup. **Ongoing.**
  - Equipment/materials deliveries and staging
  - Adjust Work Area Perimeter Fencing.
  - Mark TU and SU boundaries.
  - Mark RSY Pad boundaries.
  - Construct RSY Pads
- Maintenance of BMPs. **Ongoing.**
  - Stormwater Protection. – Buttoning up site for holiday shut down.

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- Air Sampling and Dust Monitoring.
- Utility Clearance and Land Survey. **Ongoing.**
  - TU/SU Excavation Land Surveys.
  - Update of USA North 811 Utility Locating Tickets as necessary.
- Radiological Surveys. **Ongoing.**
  - Pre-Excavation TU, SU, Pre- RSY Pad Concrete/Asphalt Surfaces.
  - Removed Asphalt/Concrete Surfaces.
  - Post and maintain RCA(s).
  - Excavation Upwind/Downwind Air Monitoring for ROCs.
  - RSY Pad Material.
- Concrete and/or Asphalt Removal. **Ongoing.**
  - Asphalt/Concrete Saw Cut and Breaking.
    - None.
  - Asphalt/Concrete Removal.
    - TU-100, TU-115.
- Excavation. **Ongoing.**
  - Completed TU-153, TU-98, SU-28, TU-107, TU-108 and TU-99.
  - TU-97, TU-77, TU-79, TU-124, TU-101, TU-100 and TU-115 in progress.
  - Prep for/begin TU-70.
- Soil Screening. **Ongoing.**
  - Prep RSY Pad material for Soil Screening.
  - Excavation TU/SU Material - RSY Pad Soil Screening.
    - Radiological Scan and Sample Collection.

**Field Change Requests (FCR)**

- *FCR-003 - RS-700 Gamma Scan Data Analysis.*
  - *Submitted to US Navy on 1/27/21.*
- *FCR-004 – Update SAP to reflect latest QSM language.*
  - *In progress.*

**Submittals**

- None.

**Analytical Results**

- *Analytical Data Packages.*
  - *Fourteen (14) data package confirmation concurrences delivered to APTIM as of 2/8/2021.*
  - *Eight (8) data packages confirmation concurrence under US Navy RASO review, all other US Navy RASO received data package confirmation concurrences have been delivered to APTIM.*

**Navy QA Oversight Update**

- Ongoing observances/inspections, Battelle.

**Visitors**

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- US Navy ROICC – H. Naimi. Daily site visits.
- US Navy Representative – D. DeLong. Site visits/inspections.
- US EPA – Scheduled MWF site visits by rotating staff. *No visits during the weeks of 1/25 and 2/1/21.*
- US EPA/Adanta Subcontractor – N. Gillen. Scheduled daily site visits. *No visits during the weeks of 1/25 and 2/1/21.*
- DTSC – Scheduled Tuesday site visits by rotating staff. *No visits during the weeks of 1/25 and 2/1/21.*
- CDPH – Scheduled Thursday site visits by rotating staff. *No visits during the weeks of 1/25 and 2/1/21.*
- Battelle – M. Chi. Site visits/inspections.

**Work to be accomplished the remainder of this week (See attached current week's look ahead)**

- Mobilization and Site Setup. **Ongoing.**
  - Equipment/materials deliveries and staging
  - Adjust Work Area Perimeter Fencing.
  - Mark TU and SU boundaries.
  - Mark RSY Pad boundaries.
  - Construct RSY Pads
- Maintenance of BMPs. **Ongoing.**
  - Stormwater Protection. – Buttoning up site for holiday shut down.
  - Air Sampling and Dust Monitoring.
- Utility Clearance and Land Survey. **Ongoing.**
  - TU/SU Excavation Land Surveys.
  - Update of USA North 811 Utility Locating Tickets as necessary.
- Radiological Surveys. **Ongoing.**
  - Pre-Excavation TU, SU, Pre- RSY Pad Concrete/Asphalt Surfaces.
  - Removed Asphalt/Concrete Surfaces.
  - Post and maintain RCA(s).
  - Excavation Upwind/Downwind Air Monitoring for ROCs.
  - RSY Pad Material.
- Concrete and/or Asphalt Removal. **Ongoing.**
  - Asphalt/Concrete Saw Cut and Breaking.
    - None.
  - Asphalt/Concrete Removal.
    - TU-100, TU-115.
- Excavation. **Ongoing.**
  - Completed TU-153, TU-98, SU-28, TU-107, TU-108 and TU-99.
  - TU-97, TU-77, TU-79, TU-124, TU-101, TU-100 and TU-115 in progress.
  - Prep for/begin TU-70.
- Soil Screening. **Ongoing.**
  - Prep RSY Pad material for Soil Screening.
  - Excavation TU/SU Material - RSY Pad Soil Screening.
    - Radiological Scan and Sample Collection.

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**Work to be accomplished in the next three weeks (See attached current week's plus 2-week look ahead)**

- Continue Mobilization and Site Setup.
  - Equipment/materials deliveries and staging
  - Mark RSY Pad boundaries.
  - Construction of RSY Pads.
- Continue Maintenance of BMPs.
  - Storm Water Protection.
  - Air sampling and dust monitoring.
- Continue Utility Clearance and Land Survey.
  - TU/SU Excavation Land Surveys.
  - Update of USA North 811 Utility Locating Tickets as necessary.
- Continue Radiological Surveys.
  - Pre-Excavation TU, SU, Pre- RSY Pad Concrete/Asphalt Surfaces.
  - Removed Asphalt/Concrete Surfaces.
  - Post and Maintain RCA(s).
  - Excavation Upwind/Downwind Air Monitoring for ROCs.
- Continue Concrete and/or Asphalt Removal.
  - TU-100, TU-101, TU-115.
- Continue Excavation.
  - TU-97, TU-77, TU-79, TU-124, TU-101, TU-100 and TU-115 in progress.
  - Prep for/begin TU-70.
- Continue Soil Screening.
  - Prep RSY Pad material for Soil Screening.
  - Excavation TU/SU - RSY Pad Soil Screening.
    - Radiological Scan and Sample Collection.

Inspections

**Preparatory**

- *None.*

**Initial**

- *None.*

**Follow-up**

- *Mobilization and Site Setup.*
- *Maintenance of BMPs.*
- *Radiological Surveys.*
- *Concrete and/or Asphalt Removal.*
- *Excavation and Backfill.*
- *Soil Screening.*

Off-site Work or Materials Testing

- Air Sampling for PM10, TSP, metals, asbestos, and ROC Analysis.
- RSY Pad Material Samples.

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- None

Additional Documentation Required

- None.

Unforeseen Conditions Impacting Production

- *Field work suspended on 1/26/21, through 2/3/21, due to forecasted wet weather*
- *Intrusive excavation work weather dependent going forward.*
- *Work inside Building 351 requires additional effort for TU-115 excavations due to low ceilings, prohibiting dump truck access. Excavated soil must be handled twice, with building accessible skid steer transfer to loader for transport to RSY Pads. Less volumes transported per load.*
- *Additional effort required to cut/remove ¾-inch Rebar from below surface concrete during excavation operations of TU-115 inside Building 351.*

QC Issues

- None

Safety Issues

- None.

Safety Training

- None.

Items That May Require Revising Project Plans

- None.

Comments/Questions/Notes

**Current Week and Two Week Look Ahead\***

Parcel G Remedial Action  
Former Hunters Point Naval Shipyard, San Francisco, CA  
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2/8/2021 Monday	2/9/2021 Tuesday	2/10/2021 Wednesday	2/11/2021 Thursday	2/12/2021 Friday	2/13/2021 Saturday	2/14/2021 Sunday
<ul style="list-style-type: none"><li>• Maintenance of BMPs; housekeeping</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs; housekeeping</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li><li>• DTSC Site Visit</li><li>• Weekly QC Meeting</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs; housekeeping</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs; housekeeping</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li><li>• CDPH Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs; housekeeping</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	No fieldwork	No fieldwork
2/15/2021 Monday	2/16/2021 Tuesday	2/17/2021 Wednesday	2/18/2021 Thursday	2/19/2021 Friday	2/20/2021 Saturday	2/21/2021 Sunday
<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li><li>• DTSC Site Visit</li><li>• Weekly QC Meeting</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li><li>• CDPH Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	No fieldwork	No fieldwork
2/22/2021 Monday	2/23/2021 Tuesday	2/24/2021 Wednesday	2/25/2021 Thursday	2/26/2021 Friday	2/27/2021 Saturday	2/28/2021 Sunday
<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li><li>• DTSC Site Visit</li><li>• Weekly QC Meeting</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li><li>• CDPH Site Visit</li></ul>	<ul style="list-style-type: none"><li>• Maintenance of BMPs</li><li>• Asphalt/Concrete Removal</li><li>• RSY pad construction</li><li>• Excavation of TUs 77, 79, 97, 124, 100, 101, 70, 115</li><li>• Radiological Surveys</li><li>• RSY Pad Soil Sampling</li><li>• Air Sampling and Dust Monitoring</li><li>• EPA Site Visit</li></ul>	No fieldwork	No fieldwork

\*Subject to change based on field conditions. Schedule changes will be communicated to the agencies, and will not preclude work from proceeding.